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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Samuel J. Shuster et al.

Art Unit : Unknown

Serial No. : 10/500,493

Examiner : Unknown

Filed : June 29, 2004

Title : METHODS AND MATERIALS FOR MODULATING TRPC4

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
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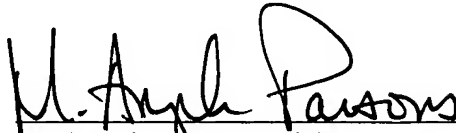
1. Information Disclosure Statement (1 page);
2. Form PTO-1449 (1 page);
3. Copies of cited references (15 references); and
4. A return postcard.

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INFORMATION DISCLOSURE STATEMENT

Applicants request consideration of the references listed on the attached PTO-1449 form. Under 37 C.F.R. §1.98 (a)(2)(ii), only copies of foreign patent documents and/or non-patent literature are enclosed. Copies of any listed U.S. patents or U.S. patent application publications can be provided upon request.

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Respectfully submitted,

Date:

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Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 14848-006US1	Application No. 10/500,493
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Samuel J. Shuster et al.	
		Filing Date June 29, 2004	Group Art Unit

U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
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Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AA	WO 02/24950	03/28/02	PCT				

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	AB	Bennett, "Animal Models of Pain," <u>Methods in Pain Research</u> , Kruger (ed.), 2001, CRC Press, pp. 67-91
	AC	Crooke and Lebleu (eds.), "C-5 Substituted Bases," <u>Antisense Research and Applications</u> , 1993, CRC Press, pp. 276-278
	AD	Hargreaves et al., "A new and sensitive method for measuring thermal nociception in cutaneous hyperalgesia," <u>Pain</u> , 1988, 32:77-88
	AE	Harteneck et al., "From worm to man: three subfamilies of TRP channels," <u>Trends Neurosci.</u> , 2000, 23(4):159-166
	AF	Hylden et al., "Expansion of receptive fields of spinal lamina I projection neurons in rats with unilateral adjuvant-induced inflammation: the contribution of dorsal horn mechanisms," <u>Pain</u> , 1989, 37:229-243
	AG	Kim and Chung, "An experimental model for peripheral neuropathy produced by segmental spinal nerve ligation in the rat," <u>Pain</u> , 1992, 50:355-363
	AH	McKay et al., "Cloning and expression of the human transient receptor potential 4 (TRP4) gene: localization and functional expression of human TRP4 and TRP3," <u>Biochem. J.</u> , 2000, 351:735-746
	AI	Mery et al., "Alternative splice variants of hTrp4 differentially interact with the C-terminal portion of the inositol 1,4,5-trisphosphate receptors," <u>FEBS Lett.</u> , 2001, 487:377-383
	AJ	Mizuno et al., "Molecular cloning and characterization of rat <i>trp</i> homologues from brain," <u>Mol. Brain Res.</u> , 1999, 64:41-51
	AK	Philipp et al., "TRP4 (CCE1) Protein Is Part of Native Calcium Release-activated Ca ²⁺ -like Channels in Adrenal Cells," <u>J. Biol. Chem.</u> , 2000, 275(31):23965-23972
	AL	Tang et al., "Identification of Common Binding Sites for Calmodulin and Inositol 1,4,5-Trisphosphate Receptors on the Carboxyl Termini of Trp Channels," <u>J. Biol. Chem.</u> , 2001, 276(24):21303-21310
	AM	Usachev and Thayer, "Ca ²⁺ influx in resting rat sensory neurons that regulates and is regulated by ryanodine-sensitive Ca ²⁺ stores," <u>J. Physiol.</u> , 1999, 519:115-130
	AN	Warnat et al., "Phenotype of a recombinant store-operated channel: highly selective permeation of Ca ²⁺ ," <u>J. Physiol.</u> , 1999, 518:631-638
	AO	Wu et al., "The Role of Endogenous Human Trp4 in Regulating Carbachol-induced Calcium Oscillations in HEK-293 Cells," <u>J. Biol. Chem.</u> , 2002, 277(16):13597-13608

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	